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REPLY TO:
1634 W. HAZELWOOD STREET
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Richard E. Mieritz

MINING CONSULTANT

ARIZONA REGISTERED
MINING ENGINEER AND GEOLOGIST

GEOLOGY
EXPLORATION
EVALUATION
FEASIBILITY
OPERATION

July 13, 1974

LETTER OF CERTIFICATION

I, Richard E. Mieritz of 1634 W. Hazelwood Street, #2, Phoenix, Maricopa County, Arizona, does hereby certify that:

(1) I am a mining engineer, graduated from the University of Wisconsin with the degree of Bachelor of Science in 1939.

(2) I have practised my profession continuously since then, receiving my Arizona State Registration as a Mining Engineer in 1956 and my Arizona State Registration as a Geologist in 1970, being a member in good standing.

(3) The report to which this letter is attached and part of, has been prepared on the basis of personal observations on and of the property, on the writers general knowledge of the area and the review and study of available factual data.

(4) I have no direct nor indirect interest in the property.

(5) I have no direct nor indirect interest, nor do I expect to receive any interest, direct or indirect in the properties or the securities of BX Development Ltd., Vancouver, B. C., Canada, or its affiliates.

Respectfully submitted,

R. E. Mieritz,
Mining Consultant,
Phoenix, Arizona.

A

GEOLOGICAL EVALUATION

and

EXPLORATION

REPORT

on the

MONITOR MINE PROPERTY

Pinal County, Arizona

by

Richard E. Mieritz
Mining Consultant
Phoenix, Arizona

July 13, 1974

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INCLUDED EXHIBITS:

Colored Photograph, Pearl Handle Open Pit.

Map No. 1 - Regional Geology and Index Map, Central Pinal County, Az.
Map No. 2 - Claim Map, Monitor Mine, Pinal County, Arizona.
Map No. 3 - Geologic Map, Monitor Mine, Pinal County, Arizona.
Map No. 4 - Surface Map, Monitor Mine, Pinal County, Arizona.

INTRODUCTION:

At the request of Mr. Steve Radvak and authorization by BX Development Ltd., both of Vancouver, B. C., Canada, the writer visited and examined the Monitor Mine copper property on June 23, 1974. Accompanying the writer were Messrs Lester R. Cox and James Simpson, Miami, Arizona and Vancouver, B. C., respectively.

The Monitor Mine property is adjacent to and on the northeast boundary of Kennecotts Pearl Handle open pit and property, Ray, Arizona, in Pinal County and in particular in the Dripping Springs mountains in T. 2 & 3 S., R. 14 E., G. and S. R. B. and M. (See Map Nos 1 and 2).

The writer has prepared the following report which is based on a personal field examination of the general geology and mineralized areas, on the writers personal general geologic knowledge of the area and upon the review and study of available factual data as surface Maps, srill hole assays, etc. as provided by Mr. L. R. Cox.

PROPERTY, LOCATION and ACCESSIBILITY:

The property consists of 109 standard lode mining claims, some of which are fractions, thus it is difficult to ascertain the acreage, except as an approximate figue of 1,800 acres. The following lists the claim names and their Docket and Page numbers as recorded in Pinal County Recorders Office, Florence, Arizona.

Claim Name	Recorded Docket	Recorded Page
Woodrow Wilson	30	11
Lincoln	42	180
Richmond Annex	42	183
Richmond	42	187
Mountain Maid	42	188
Tucson	42	189
Black Eagle	42	190
Merrimac	42	191
Star	42	192
Admiral Dewey	42	193
Cumberland	42	194
Monitor	42	199
Euclid	184	528
Llorain	184	529
Allis Chalmers	184	530
Caterpillar	184	531
LeTourneau	184	532
Mack	184	533
Hough	184	534
White	184	535
Reo	184	538
Dart	184	539
Ford	184	540
Edsel	184	541

Claim Name	Recorded Docket	Recorded Page
Silver Canyon No. 3 Amended	184	543
Silver Canyon No. 2 Amended	184	544
Silver Canyon No. 1 Amended	184	545
Silver Canyon No. 4 through No. 7	188	465- 468
Silver Canyon No. 8	191	596
Talco	195	400
Mennen	195	401
Max Factor	195	402
Joy	195	403
Springfield	195	404
Symons	195	405
Seamon	195	406
Shawnee	195	407
Pioneer	195	408
Buffalo	195	409
Carco	195	410
TwentiethCentury	196	150
FWD Amended	196	151
Mercury	196	152
Berger	197	274
Timkin	197	275
Monarch	197	276
Champion	197	277
Erie	197	278
International	197	279
Onan	197	280
Buick	197	281
Murphy	197	282
Flarherty	197	283
Arizona Amended	199	330
Armco	199	331
Cummings	199	332
Hensley	199	333
Telsmith No. 1 through No. 3	199	334- 336
Austin	199	590
Telsmith No. 4, No. 5	199	591- 592
Rocket No. 1 through No. 6	199	593- 598
Haley No. 1 and No. 3	201	121- 122
Haley No. 5 and No. 8	201	123- 124
Haley No. 12 and No. 9	201	125- 126
Lehigh No. 3 and No. 4	201	129-1130
Lehigh No. 9	201	131
Haley No. 14 and No. 15	201	564- 565
Haley No. 16 through No. 18	201	566- 568
Haley No. 6 and No. 7	202	165- 166
Haley No. 10, No. 11 and No. 13	202	167- 169
Lehigh No. 5 and No. 6	202	170- 171
Lehigh No. 10	202	174
Michigan	555	479
Wabco	555	480
Scott No. 1 through No. 5	588	944- 948
Scott No. 6 (also known as Lehigh No. 1)	588	949

Claim Name	Recorded Docket	Page
Scott No. 7 (also known as Lehigh No. 2)	588	950
Haley No. 2 Am'd., No. 4 Am'd., No. 7 Am'd., and No. 8 Amended.	588	951-954
Ingersol	630	485
Hobart	630	486

The claims are located in all or parts of Sections 36, T. 2 S., R. 13 E., Sections 29, 30, 31 and 32 T. 2 S., R. 14 E., Section 1 T. 3 S., R. 13 E., and Sections 5, 6, 7 and 8, T. 3 S., R. 14 E. in and on top of the Dripping Springs mountains as well as on parts of the eastern and western slopes in the particular area. The general terrain is relatively steep and rough.

The mining town of Ray, just east of State Route 177, is about 15 miles southeast from Superior, Arizona, which in turn is about 70 miles east on U. S. Highway 60 of Phoenix, Arizona. The Monitor Mine property, can not however, be approached from Ray, or the west side of Dripping Springs mountains, instead, access to the property is through Globe, Arizona.

Travel to the property requires 4 wheel drive vehicle. As one approaches Globe from the west (eastward travel) on U. S. Highway 60 from Phoenix, a traffic signal is encountered at a "Y" and a Railroad underpass; the right arm (straight ahead) is the truck route, the left arm the City business route (most easy to follow). Using this traffic light as a starting point -- use left arm of "Y" - business route of U. S. Highway 60 for 1.8 miles through town to the Junction of U. S. 60 and U. S. 70 (U. S. 60 to Showlow, U. S. 70 to Safford). Take U. S. 70 for 2.0 miles to Junction with State Route 77, turning right onto Route 77 to the south. Mile post 154 will be seen after 16 miles of travel on Route 77 and 0.3 miles beyond is the Dripping Springs Road Junction on the right. Travel this gravel rancher type road - County maintained in part - for 1.8 miles to fork in road - take right arm for 7.3 miles in a northwesterly direction to a second fork - again taking the right arm. Continued travel for 1.7 miles is a third fork. Using the left arm-"upcreek or wash" for 0.3 miles is a fourth fork just after leaving the wash. Taking the left arm, it crosses another wash or creek and leads to the top of the mountain range (a pass) and an area of several cuts, tranches and large pits. This point is in the area of the Monitor and Richmond claims. A trail to the southwest from this pint does lead to Ray and is said to be an old stage coach road from Globe, but is not now travellable by vehicle.

FACILITIES:

No gas or electricity is available at or near the property. Unless one of the nearby springs can be developed, hauling of water for drilling would be required - presumably obtainable at Dripping Springs wash. Mention is made in an old report - 1919 - that a tunnel or Adit on the Monitor claim was providing water sufficient to serve a large number of cattle. The writer saw no water in the immediate area.

HISTORY, DEVELOPMENT and PRODUCTION:

As with the area around Globe, these mountains were prospected primarily for gold and silver and some of the heavily ironised structures in the area of the Monitor claim were prospected, mined and some tonnage shipped, probably Silver City, New Mexico. The copper content or presence was usually of secondary importance to these prospectors unless the grade was in excess of say 10%. A 1929 report by Mining Engineer Thomas F. Weedin covering the Monitor, Richmond, Dewey, Tucson, Mountain View, Cumberland and Merrimas claims indicates in general that structures of 1½ to 5 or 6 feet wide and carrying high silver and copper values, example 50 to 300 ounces of silver and 7 to 27% copper, were mined. The report indicates ore was shipped but that smelter returns could not be located.

As part of the annual assessment work, Mr. Lester Cox drilled 9 percussion holes for the owner of the property, Mr. and Mrs. H. J. Hagen, Globe, Arizona, on the Richmond claim to depths of 130 to 155 feet, taking five foot samples and assaying each. These reports are in the hands of the writer. (See Map No. 4)

In year 1971, Ranchers Exploration Co., operators of the Bluebird Mine, Miami, Arizona drilled 9 percussion holes to depths of 95 to 250 feet. These holes were also sampled each five feet and assayed. The assay reports are in the hands of the writer. (see Map No. 4)

Two diamond core holes were drilled but records of these are not available. (See Map No. 4)

GENERAL GEOLOGY:

The general geology in the Ray area, including the Dripping Springs Mts. is a complex of Pre-Cambrian schist, Cambrian to Tertiary diabase, Pre-Cambrian Apache group which locally includes the Mescal limestone, Dripping Springs quartzite, Barnes and/or Scanlan conglomerates and Pioneer shale, the Cambrian Troy quartzite, Carboniferous- Devonian limestones and other sediments, Larimide granite and related crystalline intrusive rocks and Tertiary dacite.

There are many major and minor faults and structures in the area, many of which are probably due to the activity of the Laramide granite and related crystalline intrusive rocks of the area which are actually part of the Schultz granite outcropping to the north of the property and west-southwest of Ray.

The claimed area hosts a majority of the rocks previously mentioned as well as many of the faults and/or structures. Unfortunately, no surface geological map of the claimed area has either not been completed, or if such mapping was completed by others, such is not available. The writer has "sketched in" the general surface geology on Map No. 3. The property covers about three square miles in area, thus, the "sketching" completed by the writer is strictly a "sketch".

MINERALIZATION:

Kennecotts Pearl Handle Pit is a mass of oxides and sulphides of copper mineralization in the schist, related granitic crystalline rocks, diabase and sediments and a spectacular sight when viewed from the "Public" observation area on the west bank of the Pit - looking east, from north to south, 180° of view. The bluish, greenish oxide zones, the heavily ironized zones and the lighter sulphide copper zones are clearly distinguishable. (See included photograph).

The major trend of the zones of mineralization appear to be northeast toward the Monitor Mine property. Kennecott has claims in this direction. (See Claim Map No. 2).

At the Monitor Mine property, much higher in elevation than the Pearl Handle Pit, the old prospectors completed much work on the heavy ironized structures, usually 2 to 6 feet wide and trending northeast, slightly northwest and/or east-west. These structures and/or faults occur in the schist, the limestones and shale, in quartzites and in a porpyry - so designated by Thomas F. Weedin, author of the early report.

The mined structures contained, according to Weedin, copper sulphides and sulphurits, cuprite, "peacock copper", virgin silver, bromides, sulphides and chloride of silver. The caved underground workings examined by Weedin are not now accessible, however, examination of the residual limonites on and near the surface in the area of the structures indicates to the writer that the mineralized zones would contain chalcopyrite, chalcocite, probably bornite as well as the silver mineral argentite.

Mr. Weedin points out that the gangue of the structures is silica (quarts) limespar (calcite) and in some instances a porphyry rock. Accompanying all structures is a heavy talc selvage - indicating most structures are faults with movement in some direction.

A second mode of mineralization occurs and appears to be confined to localized exposures of the Pioneer shale which outcrops near the ridge top on the Richmond claim. Here the shale has fractures at a slight angle to the shale strike and a dip slightly greater than normal to the shale dip. These fractures are filled with the copper oxides - malachite and azurite. Only occasionally does this mineralization "seep" into the bedding planes of the shale, or in some instances, the quartzites. This mode of mineralization, partially explored by percussion drilling, appears to be limited in tonnage and grade. (See Map No. 4).

A third mode of mineralization is that similar to the Pearl Handle Pit - low grade oxide and sulphide copper mineralization in the schist and granite related crystalline intrusive rocks.

During his examination, the writer observed and viewed a wide, 100 to 250 feet, zone of rock discoloration trending in a northeast direction from the Pearl Handle Pit towards, to and beyond the Richmond claim. The discoloration is due to the presence of limonites and the varied color of the rock itself - granite and related crystalline intrusive rocks, contained within the zone. This is a major structural feature which may

well be the "feeder" of the subordinate mineralization in the narrow veins and in the fractures of the Pioneer shale as exhibited on the Richmond-Monitor claims.

Although the zone is not continuously observable and traceable foot by foot on the surface, it does extend from the east bank of the Pearl Handle Pit (just left of the most southerly "blue zone" in the included photograph), north northeast across the lower foothills and up Rustler Gulch to the pass on the Richmond claim (not on photograph but to the upper left) into the Monitor claim and down Silver Creek past the area called the old camp (old building in disrepair). The writer has viewed this zone from the top of the Monitor property looking down and southwesterly and from the Pearl Handle Pit looking up and northeasterly to the pass area.

The surface-wise appearance and disappearance is no doubt due to the irregularity of outline of the intrusive which is quite a normal condition. At some depth this condition should resolve into one continuous mass.

The second "blue zone" (the most southerly in the photograph) is a similar zone and trends more northeasterly. It also is observable looking northeasterly from the Pearl Handle Pit but probably not quite as pronounced, as the other zone, where it crosses the lower foothills and more or less up Jimmies Luck Gulch towards the southeast two tiers of the Monitor claims, viz: The Talco and Max Factor claims. This zone may be as strong as the first discribed zone, however, it is not as prominent surface-wise and thus not so easily traceable. The thick sediments in the southern and southeast portion of the Monitor Mine property may well hide this structure.

PROPERTY POTENTIAL:

The copper oxide mineralization hosted by the Pioneer shale appears to be quite limited as indicated by the past percussion drilling, thus, little potential exists in this area.

Adequate exploration by drilling could possibly develop a half million tons of ore as narrow, high grade copper-silver vein material which might average 5.0% copper and 30 ounces silver per ton. This potential could be considered as a secondary target.

The important target-and potential- in the opinion of the writer, is the large north-northeast trending structural zone and its sister, to the southeast, both of which traverse the country side from the Pearl Handle Pit to well within the Monitor group of claims.

EXPLORATION REQUIREMENTS - COSTS:

The Monitor Mine property is large in area - 1800 or more acres, difficult to traverse because of the steep and rough terrain, somewhat complex in its geologyand with mineralization targets that appear minimal at the on-

set. It is for these reasons that a geological map of the claims does not exist. The history of former lessees suggests the "hunt-peck" approach on selected small targets.

Exploration and development of this property requires and deserves a systematic time consuming and expensive approach.

The following step by step program is recommended and necessary to good proceedural exploration. Part of the program might be considered as a "fact finding" phase in order to provide sufficient evidence on which to base placement of drill holes to the best advantage, type drill to be used and depths of such holes.

1. - Triangulation control for the property.
2. - Stadia-transit sub-triangulation for control of property outline and claims, geological mapping and geophysical surveys.
3. - Geological mapping of the property, covering the areas of interest first and moving outward as far as required.
4. - A detailed geophysical survey for the property as determined by the mapped geology and including I. P., magnetic and any other method which may be adaptable and useful for the area.
5. - Opening of the various caved workings, particularly the Adits which were driven on these high grade copper-silver veins.
6. - Rehabilitation of existing roads and construction of new roads, drill sites, etc
7. - Exploratory drilling as diamond core with rotary or percussion as "fillin" if required.

The writer estimates the following budget for the suggested program, as outlined above, would be as :

Phase I:

Triangulation Survey	$ 10,000.-
Stadia-transit sub-triangulation	$ 8,000.-
Geological Mapping	$ 22,000.-
Geophysical Surveys	$ 60,000.-
Underground rehabilitation-opening of caves	$ 9,000.-
Road rehabilitation and new construction	$ 13,000.-
Exploratory drilling (estimate 15,000 feet)	$ 320,000.-
Total Phase I	$ 442,000.-

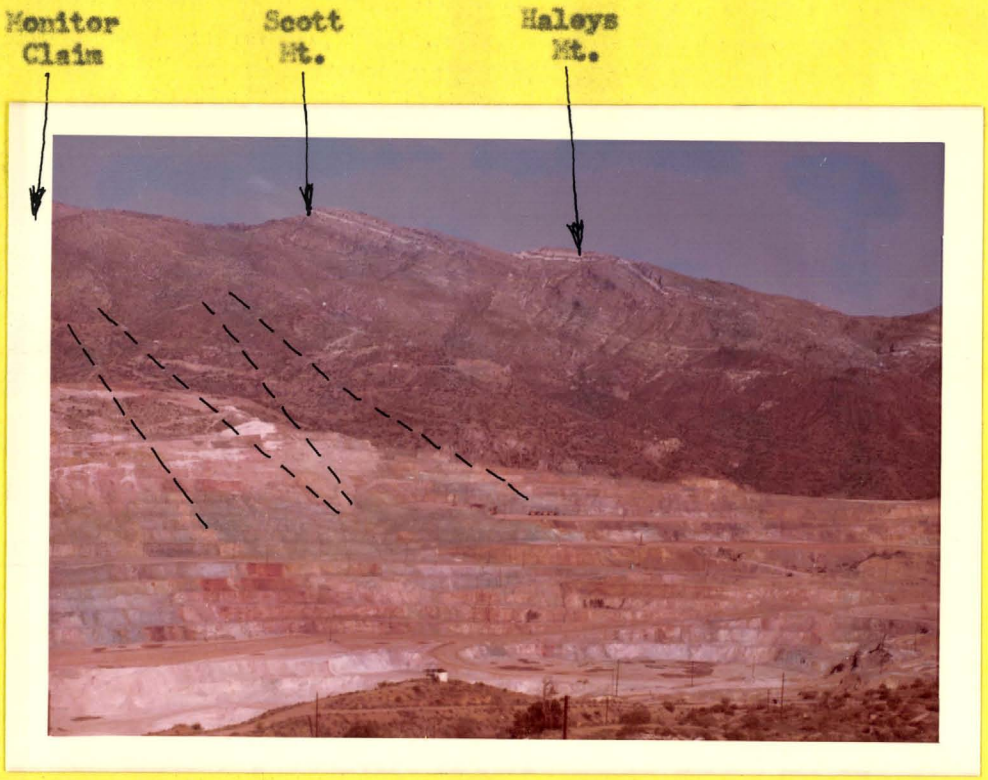
The above items or programs includes, where applicable, expenses and travel of personnel associated with the program.

If the results of Phase I, including the drilling are satisfactory, encouraging, etc, the writer foresees an expanded Phase II program expenditure of approximately $1,000,000.-, mostly as drilling costs.

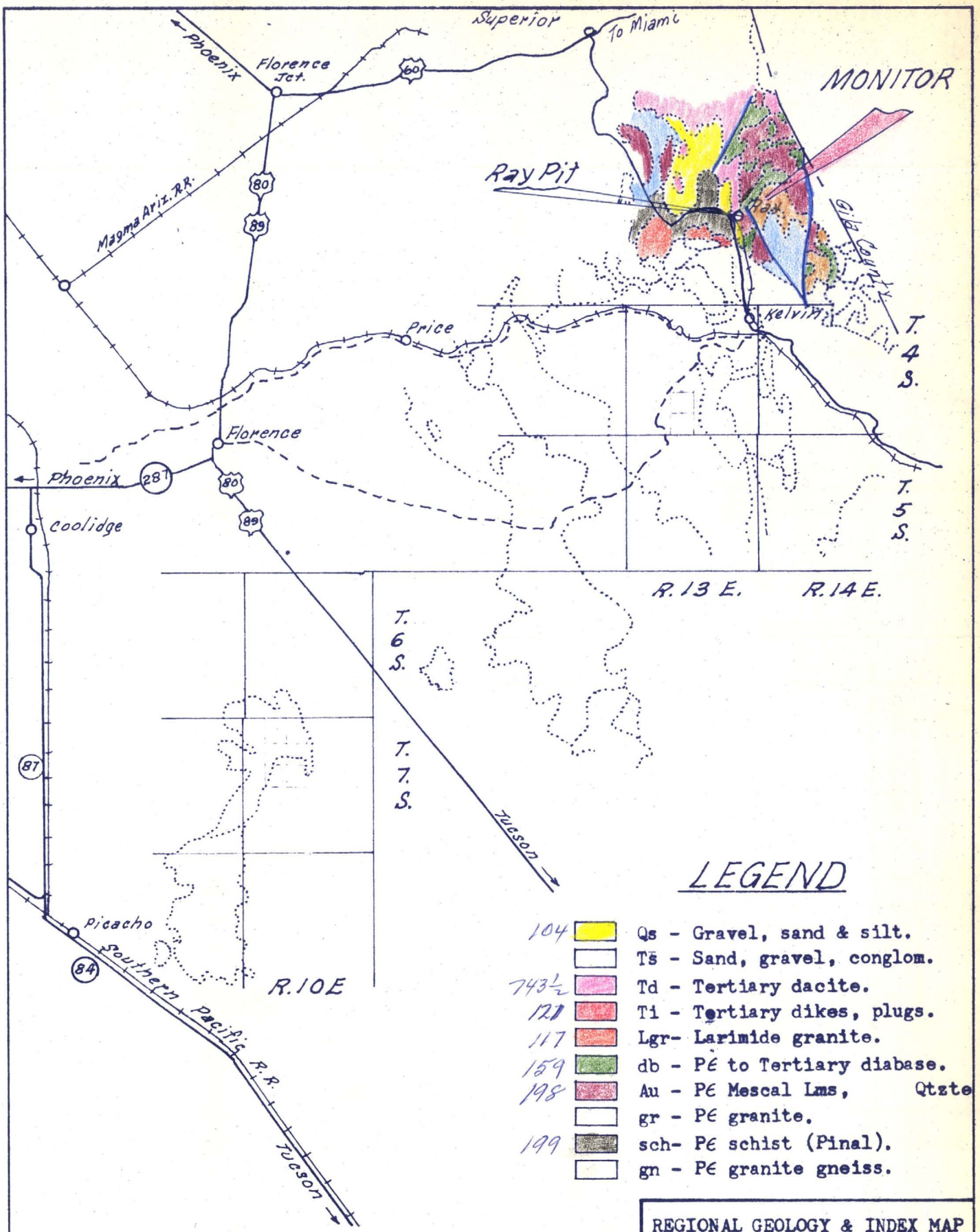
Respectfully submitted,

R. E. Mierits, Mining Consultant,
Phoenix, Arizona.

July 13, 1974



Photograph taken from Public observation Area of Kennecotts Pearl Handle Open Pit (copper) on the West Bank of the Pit. Looking East to East Bank of Pit and Dripping Springs Mountains in the background. Note sediments in mountain range, displacemant of sediments by faulting and possible anticlinal limb resulting from intrusive action to north, or left of picture.

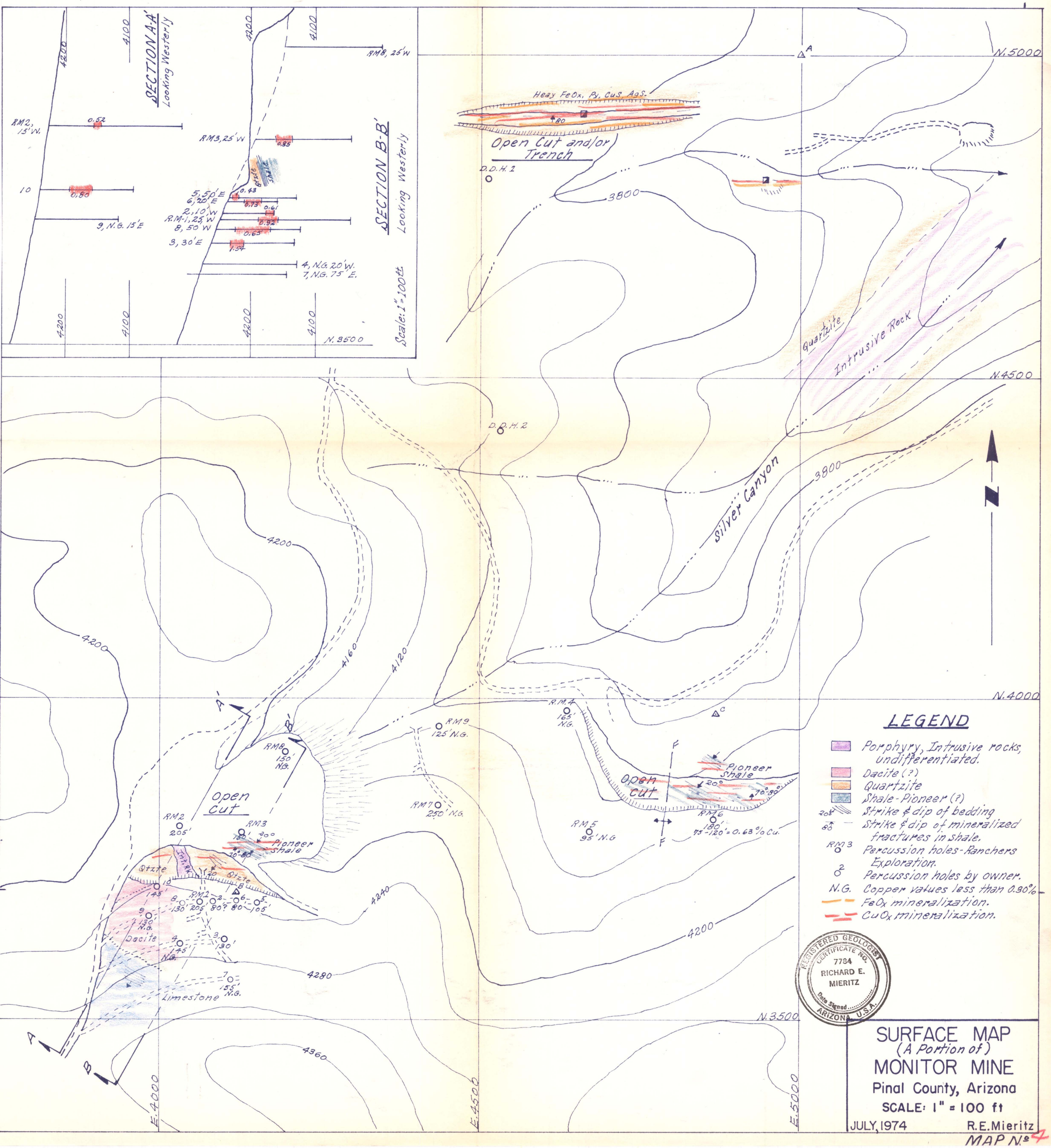


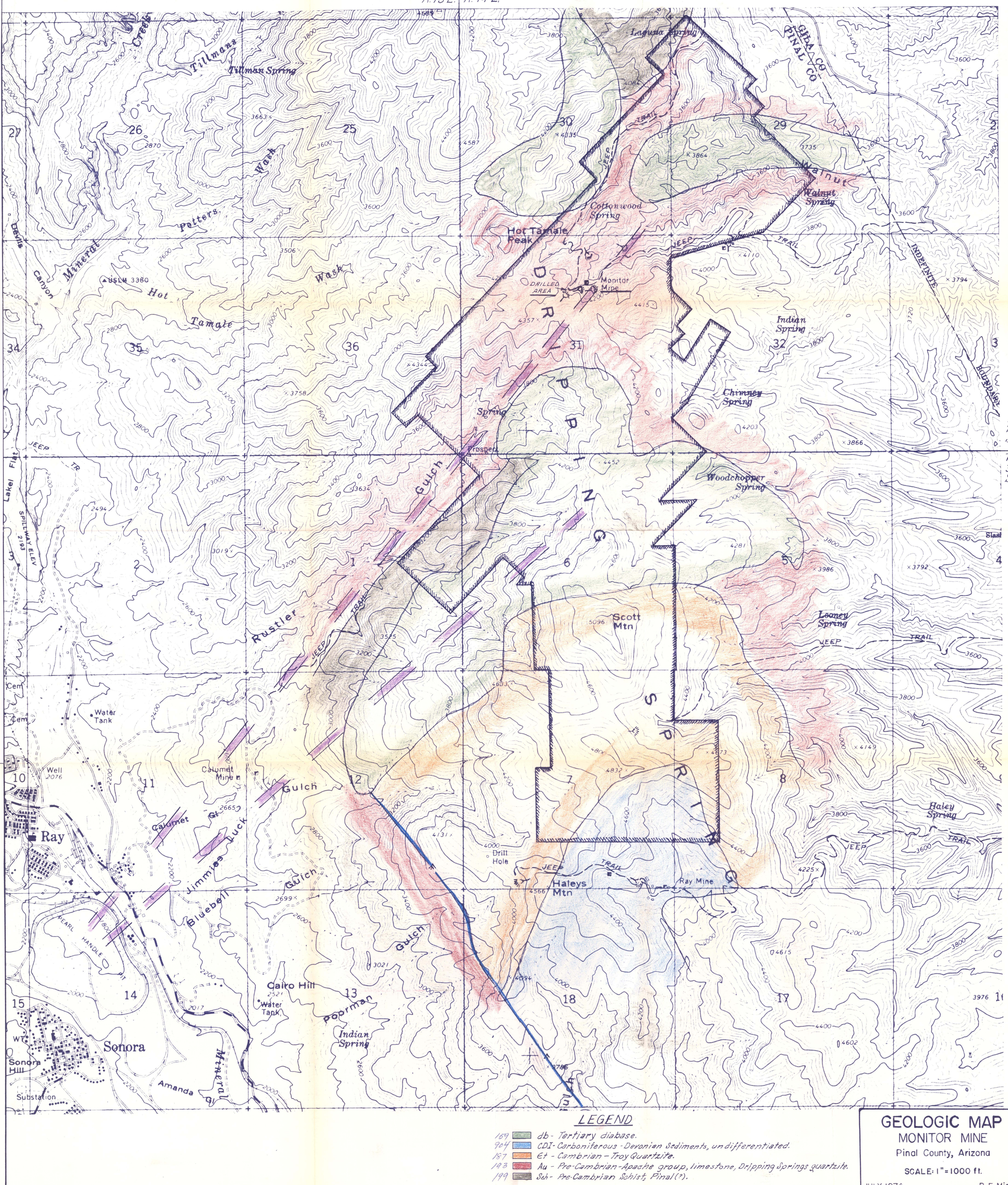
REGIONAL GEOLOGY & INDEX MAP
(Portion of)
CENTRAL PINAL COUNTY, ARIZONA

SCALE: 1"= 6 Miles

Dec., 1973 R. E. Mieritz

MAP Nº 1


SECTION A-A'
Looking Westerly
SECTION B-B'
Looking Westerly
Scale: 1" = 100 ft
RM2, 15' W.
RM3, 25' W
RM8, 25' W
9, N.G. 15' E
5, 50' E
6, 20' E
2, 10' W
R.M-1, 25' W
8, 50' W
3, 30' E
4, N.G. 20' W.
7, N.G. 75' E.
N. 3500
Heavy FeOx, Py, CuS, AgS.
Open Cut and/or Trench
D.D.H. 1
D.D.H. 2
N. 5000
N. 4500
N. 4000
N. 3500
Quartzite
Intrusive Rock
Silver Canyon
Open cut
Pioneer Shale
Dacite
Limestone
Qtzte
Intr. Rk.
RM9 125' N.G.
RM7 250' N.G.
RM4 165' N.G.
RM5 95' N.G
RM6 180' 75'-120' = 0.63% Cu.
RM8 150' N.G.
RM2 205'
RM3
LEGEND
Porphyry, Intrusive rocks, undifferentiated.
Dacite (?)
Quartzite
Shale-Pioneer (?)
Strike & dip of bedding
Strike & dip of mineralized fractures in shale.
Percussion holes-Ranchers Exploration.
Percussion holes by owner.
N.G. Copper values less than 0.30%
FeOx mineralization.
CuOx mineralization.
REGISTERED GEOLOGIST
CERTIFICATE NO. 7784
RICHARD E. MIERITZ
Date Signed
ARIZONA, U.S.A.
SURFACE MAP
(A Portion of)
MONITOR MINE
Pinal County, Arizona
SCALE: 1" = 100 ft
JULY, 1974
R.E. Mieritz
MAP No. 4



LEGEND

159	db	Tertiary diabase.
904	CDI	Carboniferous - Devonian Sediments, undifferentiated.
187	Et	Cambrian – Troy Quartzite.
193	Au	Pre-Cambrian - Apache group, limestone, Dripping Springs quartzite.
199	Sch	Pre-Cambrian Schist, Pinal(?).

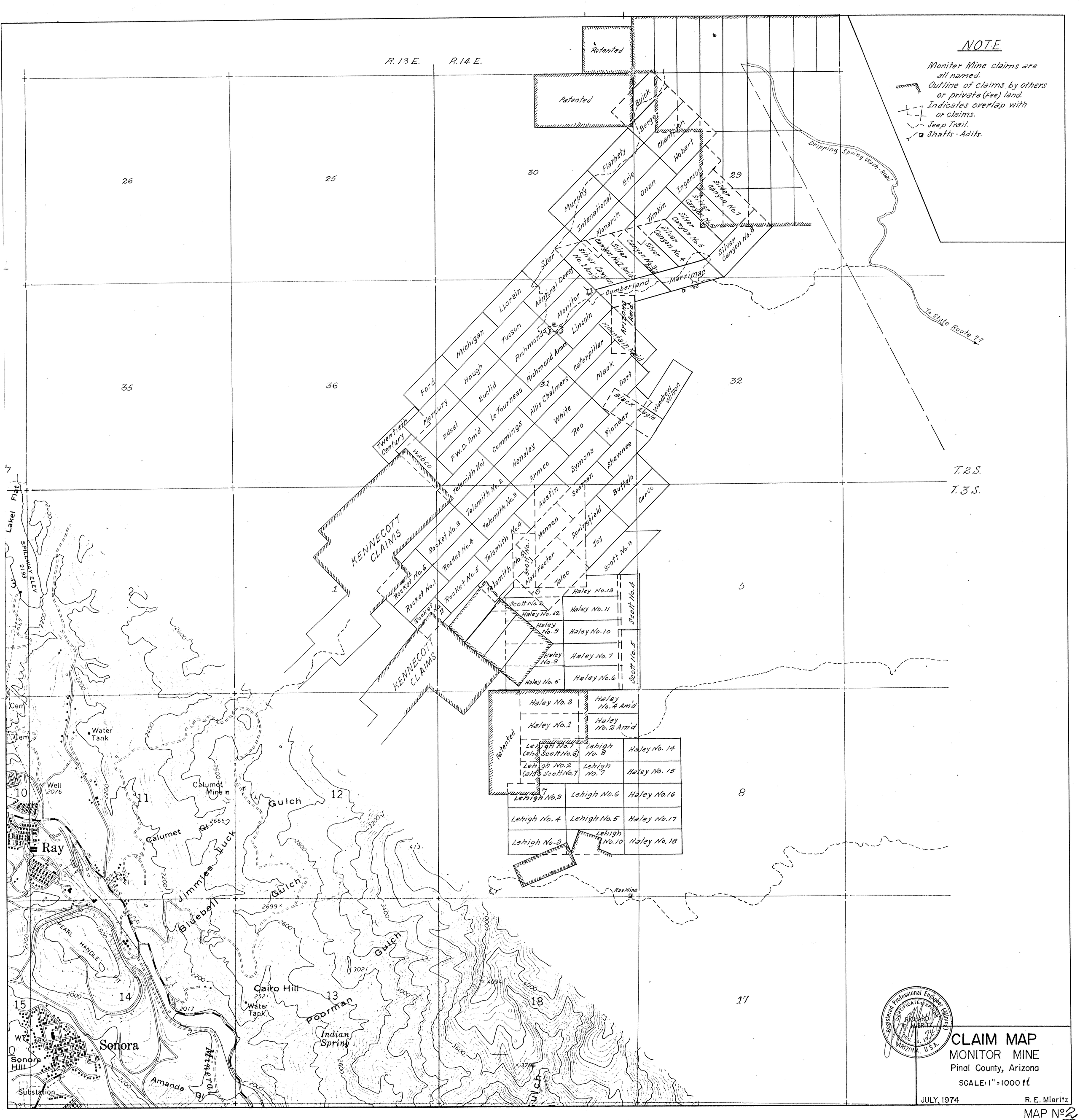
GEOLOGIC MAP
MONITOR MINE
Pinal County, Arizona

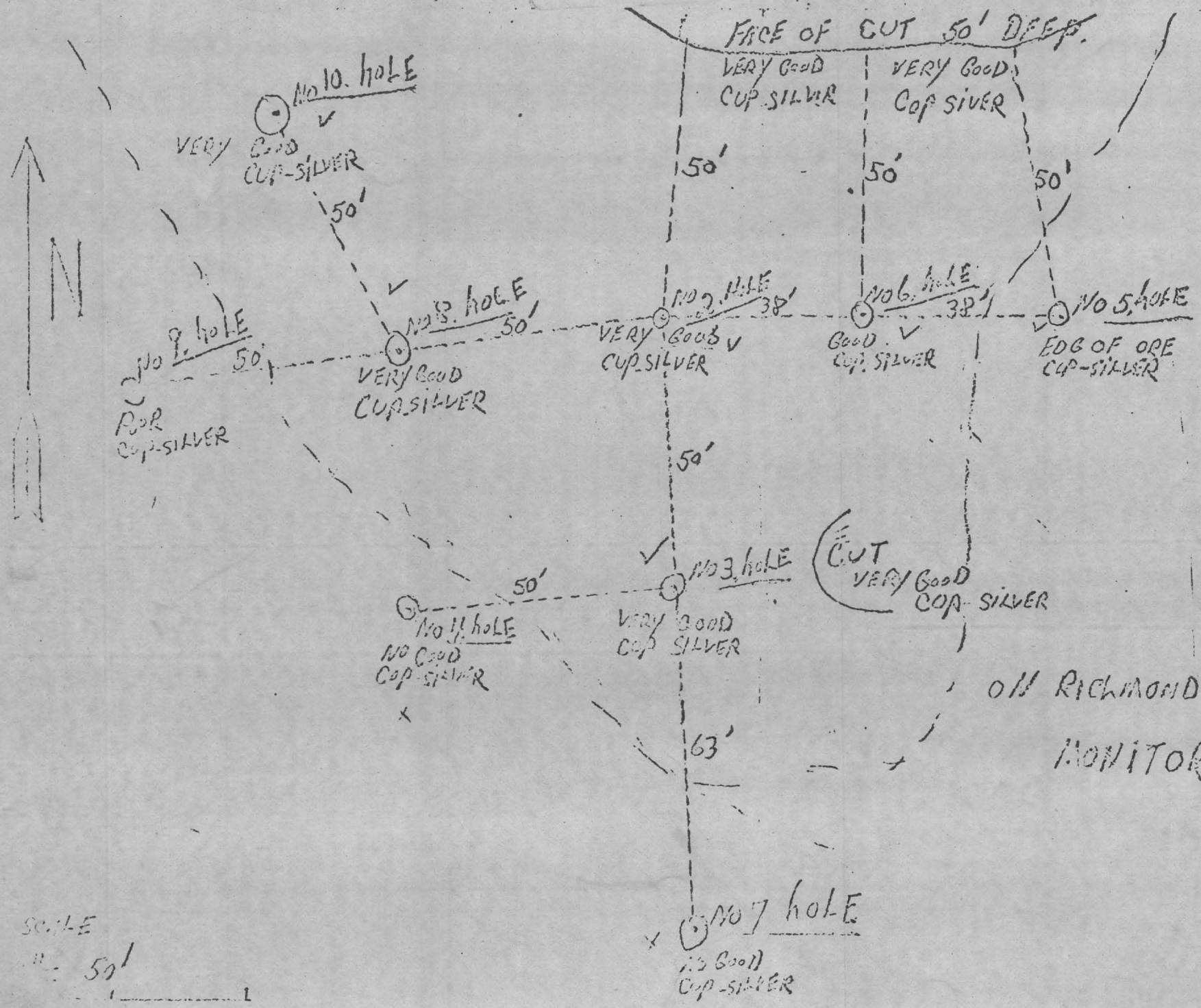
SCALE: 1" = 1000 ft.

JULY, 1974

R. E. Mieritz

MAP No.


NOTE
Moniter Mine claims are all named.
Outline of claims by others or private (Fee) land.
Indicates overlap with or claims.
Jeep Trail.
Shafts - Adits.
R. 13 E.
R. 14 E.
T. 2 S.
T. 3 S.
Patented
Dripping Spring Wash-Road
To State Route 77
Quick
Berger
Champion
Hobart
Flarherty
Erie
Onan
Ingersoll
Murphy
International
Monarch
Timkin
Silver Canyon No. 7
Silver Canyon No. 6
Silver Canyon No. 5
Silver Canyon No. 4
Silver Canyon No. 3
Silver Canyon No. 2 Amd
Silver Canyon No. 1 Amd
Silver Canyon No. 8
Star
Admiral Dewey
Cumberland
Merrimac
Llorain
Monitor
Arizona Amd.
Michigan
Tucson
Richmond
Lincoln
Mountain Maid
Ford
Hough
Euclid
Richmond Amd
Caterpillar
Mack
Dart
Black
Eagle
Woodrow Wilson
Mercury
Le Tourneau
Allis Chalmers
White
Pioneer
Edsel
F.W.D. Amd
Cummings
Hensley
Reo
Twentieth Century
Wabco
Telsmith No. 1
Telsmith No. 2
Telsmith No. 3
Telsmith No. 4
Telsmith No. 5
Armco
Symons
Shawnee
Austin
Seaman
Buffalo
Carco
KENNECOTT CLAIMS
Rocket No. 1
Rocket No. 2
Rocket No. 3
Rocket No. 4
Rocket No. 5
Rocket No. 6
Mennen
Springfield
Joy
Scott No. 1
Max Factor
Talco
Scott No. 3
Scott No. 4
Scott No. 5
Scott No. 2
Haley No. 13
Haley No. 11
Haley No. 12
Haley No. 9
Haley No. 10
Haley No. 8
Haley No. 7
Haley No. 6
Haley No. 5
Haley No. 3
Haley No. 4 Am'd
Haley No. 2
Haley No. 2 Am'd
Lehigh No. 1 (also Scott No. 6)
Lehigh No. 2 (also Scott No. 7)
Lehigh No. 8
Lehigh No. 7
Haley No. 14
Haley No. 15
Lehigh No. 3
Lehigh No. 6
Haley No. 16
Lehigh No. 4
Lehigh No. 5
Haley No. 17
Lehigh No. 9
Lehigh No. 10
Haley No. 18
Ray Mine
Lakel Flat
SPILLWAY ELEV 2193
Cem
Water Tank
Well 2076
Calumet Mine
Calumet Gl
Luck Gulch
Jimmies Gulch
Bluebell Gulch
Ray
PEARL HANDLE PIT
Cairo Hill
Water Tank
Poorman Gulch
Indian Spring
Sonora
Sonora Hill
Substation
Amanda Gl
Hideout Gulch
Registered Professional Engineer (Mining)
CERTIFICATE EXPIRES DEC. 31, 1974
RICHARD E. MIERITZ
ARIZONA, U.S.A.
CLAIM MAP
MONITOR MINE
Pinal County, Arizona
SCALE: 1" = 1000 ft.
JULY, 1974
R. E. Mieritz
MAP No 2


FACE OF CUT 50' DEEP.
VERY GOOD CUP SILVER
VERY GOOD CUP SILVER
No 10. hole
VERY GOOD CUP-SILVER
50'
50'
50'
50'
N
No 8. hole
50'
No 2. hole
38'
No 6. hole
38'
No 5. hole
No 9. hole
50'
VERY GOOD CUP-SILVER
VERY GOOD CUP-SILVER
GOOD CUP. SILVER
EDG OF ORE CUP-SILVER
POOR CUP-SILVER
50'
No 3. hole
CUT
VERY GOOD CUP-SILVER
50'
No 11. hole
NO GOOD CUP-SILVER
VERY GOOD CUP SILVER
ON RICHMOND CLAIM
MONITOR CLAIM
63'
No 7 hole
NO GOOD CUP-SILVER
SCALE
50'

Hole # 2 - 60-65 0.04 Ag
70 0.60
5 to 60 = 0.04-0.25 about 1.0 Ag. 75 0.75 4.1
80 0.50

Hole #3 25-30 0.12 Ag 0.3
35 1.90 7.4
40 2.42 19.1
45 2.31 5.1
50 0.52
55 0.07 0.8
up & down 0.04-0.12 Ag about 0.5

Hole #4 NG
0.10 or less
Ag from 0.4 to 0.6

Hole #5 5-10 0.41 Ag 2.0
15 0.45 2.4
bal. less than 0.10
Ag about 0.30

Hole #6 25-30 0.10 Ag 0.3
35 0.48 1.8
40 0.81 3.6
45 0.88 3.1
50 0.87 3.7
55 0.65
60 0.21 3.8
65 0.10
Balance 0.10 or less. 0.7

Hole #7 - NG
0.01 to 0.08
about 0.20 Ag.

Hole #8 25-30 0.05 Ag 0.4
35 0.45 1.5
40 0.75 3.7
45 0.90 4.4
50 0.40 2.3
55 0.30 0.8
60 0.50 2.0
65 0.88 3.6
70 0.80 3.4
75 1.05 3.7
80 0.80 1.2
85 0.35 1.2
90 0.30 0.9
95 0.08 1.4
Balance 0.02 to 0.14

Hole #9 NG 0.01 to 0.14

Hole #10 35-40 0.03 Ag
45 0.15 0.2
50 1.45 4.5
55 1.05 4.4
60 0.70 1.0
65 0.40 1.2
70 0.40 1.2
75 0.05 0.9
80 0.05 0.3
Bal. 0.03 to 0.14

Assays - Drill Holes - Monitor Mine

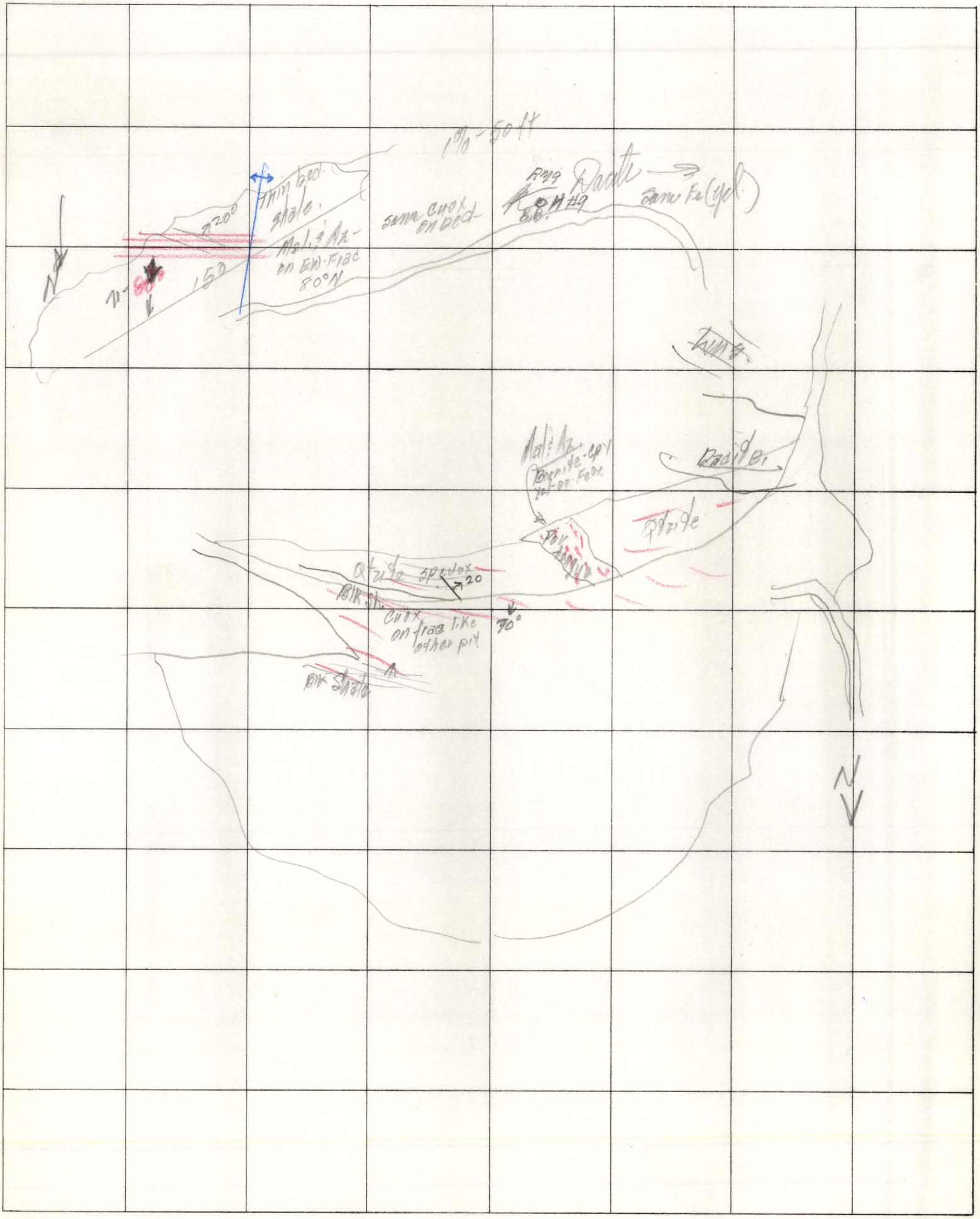
RM-1	60-65 -	0.43
	70 -	1.04
	75 -	1.41
	80 -	0.85
	85 -	1.07
	90 -	0.74
	95	0.15
RM-2	65-70 -	0.10
	75 -	0.63
	80 -	0.43
	85 -	0.10
RM-3	25-30	Tr
	35	1.~~44~~
	40	1.20
	45	0.90
	50	0.28
	55	0.41
	60	0.01
RM4	65-70	Tr
	75	0.20
	80	0.34
	85	0.03
RM-5	NG.	
RM-6	70-75	0.03
	80	0.32
	85	0.46
	90	0.56
	95	0.69
	100	1.16
	105	0.52
	110	0.84
	115	0.43
	120	0.65
	125	0.30
	130	0.20

below less than 0.16

RM-7 - NG. Tr. - 0.02

RM-8 NG. 75-80 - 0.21
balance Tr to 0.12

RM-9 NG Tr to 0.01



MINE _____ LOCATION _____ LEVEL _____

GEOLOGY BY _____ SURVEY _____ DATE _____ SCALE _____

N _____ E _____ EL. _____

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NO. OF STANDARD COLOR PRINTS FROM EACH _____

NO. OF ENLARGEMENTS FROM EACH _____

(SIZE ____ x ____ in.)

BLACK AND WHITE

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NO. OF PRINTS FROM EACH NEGATIVE _____

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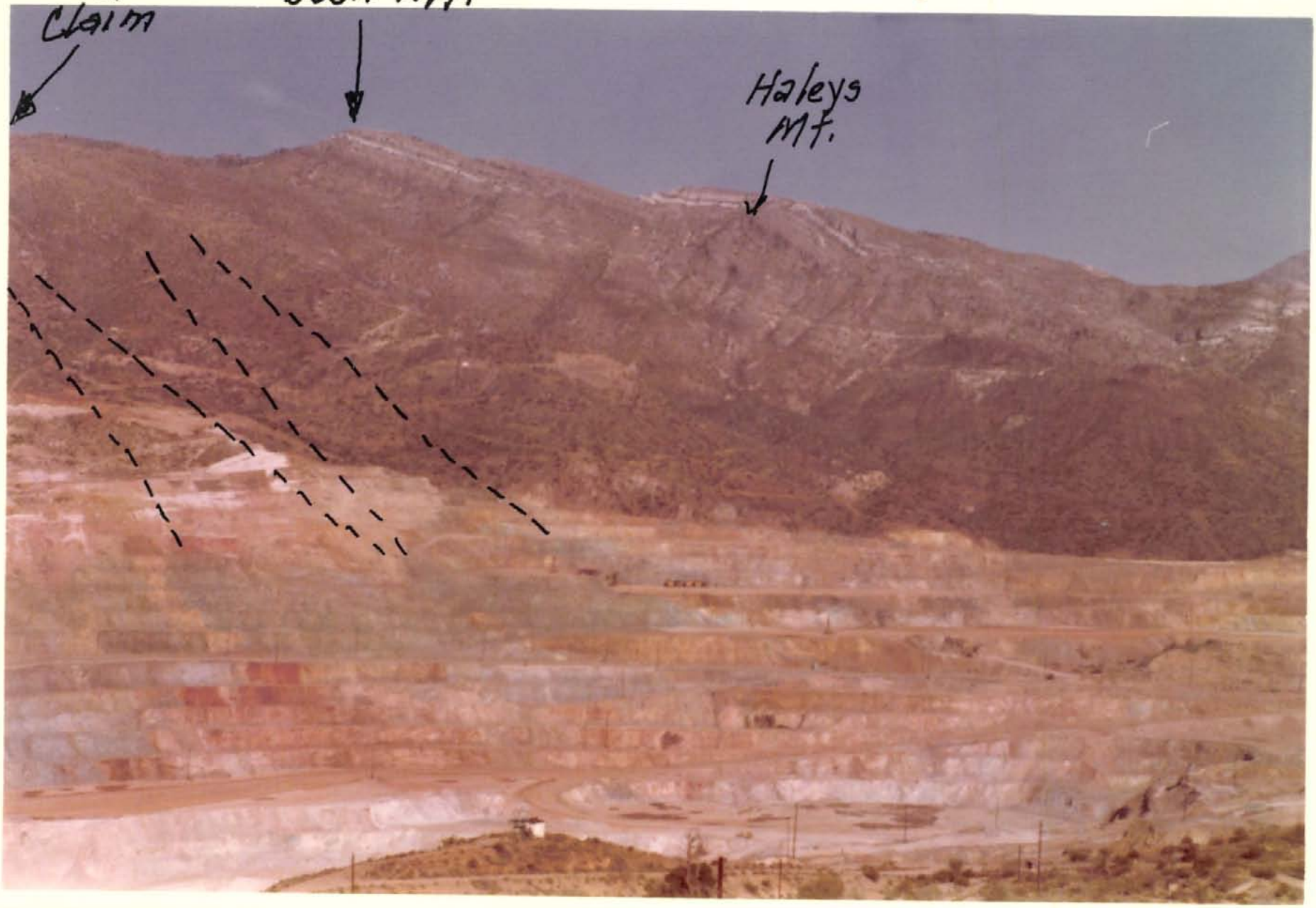
Note—This envelope is not intended for permanent storage of negatives or transparencies.


Monitor Claim
Scott Mt.
Haleys Mt.

July 25, 1984

Ken D. Cornelius
Patten Exploration Co.
Suite 1101
Skyline Plaza Building
6266 N. Swan Road
Tucson,AArizona, 85718

Dear Mr. Cornelius:

Thank you for your phone calls of even date with questionsdabout my July 13, 1974 report on the Monitor Mine, Pinal County, Arizona.

Herewith as you requested, a print of Map No. 4--Surface Map (portion of) Monitor Mine which was included in my report referred to previously.

As I mentioned, if it is your desire to have a copy of the complete report with the necessary Maps, I would have to have permission from either Mr. Pexin or Mr. Barbero.

I have colored this print of Map No. 4 just as it was colored colored in the original report.

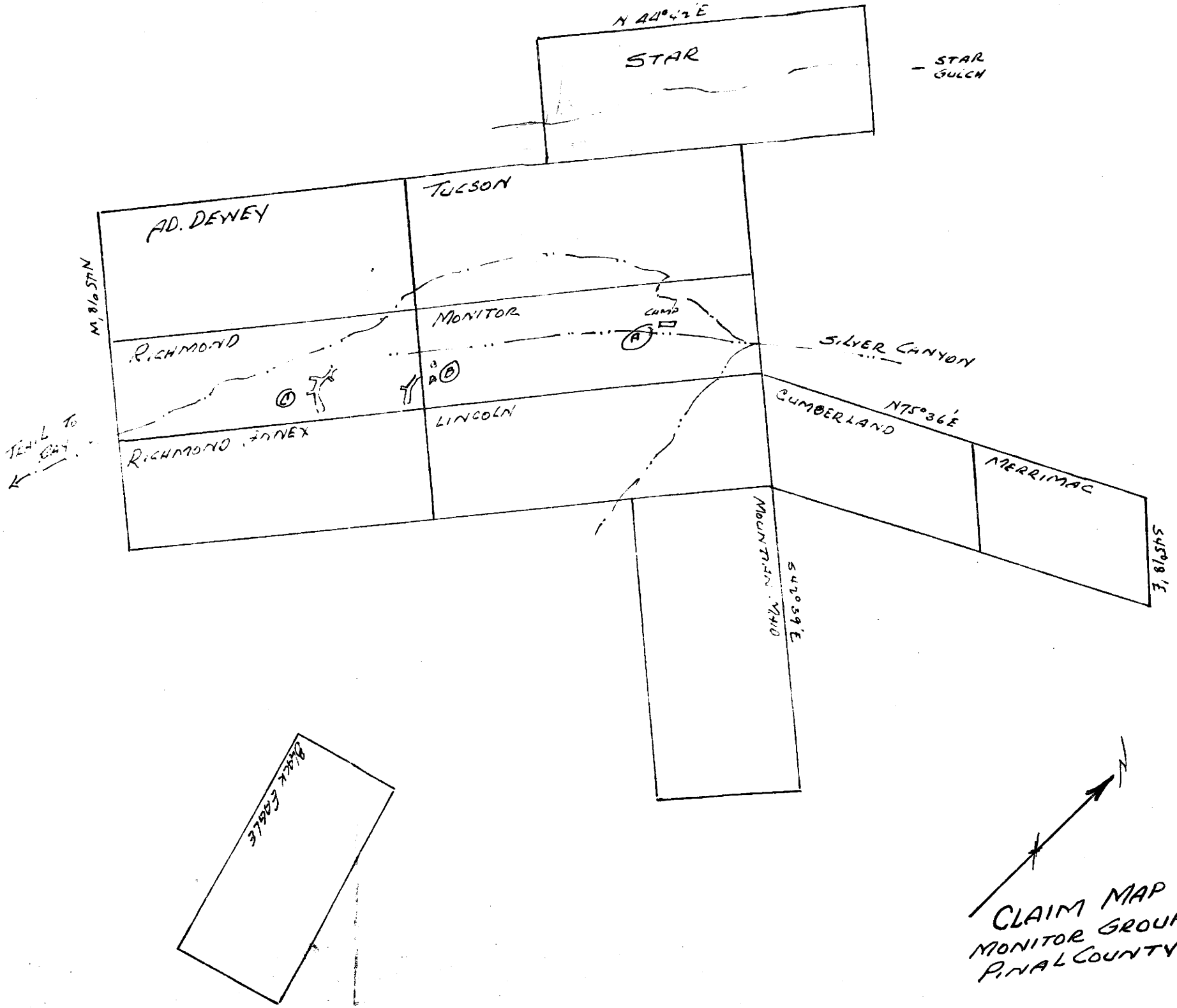
Will give your office a call the next time I make a visit to the Skyline Country Club area.

I attach my card.

Sincerely,

R. E. Mieritz

Don't
copy
Loose


N 40°42'E
STAR
STAR GULCH
TUCSON
AD. DEWEY
M, 8/0 STN
MONITOR
CAMP
RICHMOND
SILVER CANYON
A
B
LINCOLN
CUMBERLAND
N75°36'E
RICHMOND ANNEX
TRAIL TO GAP
MERRIMAC
S45°18'E
MOUNTAIN VIEW
S42°59'E
BLACK EAGLE
N
CLAIM MAP
MONITOR GROUP
PINAL COUNTY
NOT TO SCALE

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Mr. Lawrence Fago

Street and No. / Rue et No.

Suite 1840 - 777 Hornby St.

Place and country / Lieu et Pays

Vancouver B.C. Canada

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City, State and Zip Code / Localité: Phx. Arizona 85015

UNITED STATES OF AMERICA — *Etats-Unis d'Amérique*

PS Form 2865, July 1971

This is most trustworthy evidence of permanence in a vein. There are also lime spar dykes cutting across the formation parallel with the veins, and in some instance, these dykes form the hanging wall of the veins.

The Monitor Mine:

Is the most extensively developed property of the group. A shaft was sunk on the main or central vein of this claim to a depth of eighty feet, at which point the inflow of water became so strong that it could not be handled by a windlass and bucket and work was suspended. This shaft shows high grade ore all the way down as far as I could go, and the owner informed me that an average sample from below water level assayed 200 ozs. silver and 35% copper per ton. Judging by the ore in sight, I do not doubt the statement. The vein in this shaft gradually widened as depth was attained and at the lowest point reached by me it was fully six feet in width between the porphyry foot and the lime hanging wall. A tunnel was run in the vein to tap and drain this shaft, but unfortunately, through miscalculations, the tunnel was started at too high an elevation.

It was driven in a distance of 200 feet and tapped the shaft about fourteen feet above the bottom of the latter. However, the tunnel was not "dead work" as the greater portion of it was in the ore chute, and for this reason it was extended along the hanging wall sixty-two feet beyond the shaft, making the whole length of the tunnel 262 feet. The vein exposed in this tunnel is over 6 feet wide and carries copper sulphides which according to sample assays give a general average from wall to wall of seven per cent copper and sixty ounces of silver per ton. Besides the main or central lead there are five small veins on the Monitor, running parallel with the main lead, two on the south and three on the north side of the main lead. On the just south vein, and near the 80 foot shaft above described, a shaft has been sunk to a depth of 20 feet.

It shows a pay streak in porphyry, about 4 feet in width, carrying ore which averages by sample assay 75 ounces silver per ton and 25 per cent copper. On the next vein south and but a short distance from the 20 foot shaft above described a 30 foot shaft has been sunk. The apy streak in this shaft is about 3 feet wide and the ore the same grade and character as that of the 20 foot shaft above mentioned. There has been some drifting and "gouging" in the shaft by leasers during the absence of the owners. The first vein north of the main lead shows some high grade lead and copper ore on the surface but it has not been developed to any extent yet. The second lead north of the main lead has been prospected by a sixty foot tunnel, driven in the vein. Thus tunnel shows pay ore from the breast tothe face, the pay streak being about three feet in width. This pay streak by sample assay gives a general average of 50 ounces silver per ton and 27 per cent copper. The third vein north of the central lead has been rpospected only by a small open cut which shows a small streak of high grade copper ore carrying a high per cent of iron. About 50 feet from the face of the 262 foot tunnel a drift has been run into the country rock and a winze sunk at the breast of this drift to a depth of ten feet to procure a pure water supply for camp purposes. The water overflows from the winze and runs out through a gutter cut along the bottom of the tunnel. A stream sufficient in volume to water a large number of cattle flows out through this gutter continuously.

1929 report.

The Richmond Mine:

Is the West extension of the Monitor and its central vein is a continuation of the Monitor's central vein. Near the east end of this claim a shaft has been sunk, vertically to a depth of 110 feet, with a 30 foot cross cut at the bottom.

The timbers forming the collar of the shaft have decayed and some of them given away. They will not support a windlass, consequently I could not go down this shaft. I have been assured, however, by the men who sunk the shaft and made the crosscut, that the latter exposes an ore body 27 feet in width, assaying as high as 200 ounces silver and averaging 27 per cent copper and three hundred feet further west a shaft has been sunk to a depth of 40 feet on the vein and shows a pay streak about three feet in width and extending from the top to the bottom of the shaft, the ore being the same grade and character as that exposed in the other opening along the central vein. A tunnel was run a distance of 120 feet to connect with the bottom of this shaft and an upraise was made from the breast of this tunnel to a height of thirty feet. But this upraise must be extended ten feet or more higher in order to connect with the bottom of the shaft. This will give the shaft a depth of eighty feet. The pay streak in this upraise is 4 feet wide and shows the same grade and character of ore as in the shaft. A 40 foot crosscut was made near the face of the tunnel and the same shows vein matter about 30 feet in width carrying a fair grade of sulphide of copper ore which by assay gives a general average of 7 per cent. At this point the Dewey vein, which has a north and south course, comes into the tunnel and crosses the crosscut. It carries 3 feet of good ore. There are two more veins on the richmond, oneon each side and running parallel with the main or central vein. They have not been prospected to any great extent but where opened show the same high class ore found in the principal lead.

The Dewey Mine:

Lies north of and almost at a right angle to the Monitor and Richmond mines, its vein having a northerly and southerly trend. The Dewey is comparatively a recent discovery and is exploited only by the discovery shaft which has a depth of about 30 feet. This shaft reveals an exceedingly rich pay streak about 20 inches wide, which yields an average of 40 per cent copper and 300 ounces silver per ton. The vein matter is about 3 feet in width.

The Tucson Mine:

Lies between the Deyew and the Richmond and Mohitor and parallel with the latter. It was but recently discovered and is open only by the discovery shaft which is 12 feet deep. It shows a 6 foot vein carrying high grade ore the same in character as that of the sister veins.

The Mountain View:

Abuts the westend of the Tucson claim. Here the formation changes the vein, which is 6 feet wide, lies in a contact, between trap rock and sandstone. This claim has on it two shafts, one thirty and the other ten feet deep. Both are on the vein and show a good grade of lead and copper ore. No assays have been made of this property.

The Cumberland and Merrimac:

Mines lie to the southwest of the Monitor and Richmond and have a northwest and southeast course. They cover the same vein for a length of three thousand feet. The vein has a uniform width of about 4 feet except on the east end of the Merrimac, and carries the same grade and character or ore as that of the Monitor and Richmond veins. On the Cumberland there is only a 14 foot shaft and some open cuts. Near the easterly end of the Merrimac is a large "blow-out" upon which 4 shafts have been sunk to a depth of 12, 25, 30 and 40 feet respectively. All show the same high grade ores carried by the other veins of the group.

The Ores:

Of the Richmond, Monitor, Dewey, Tucson, Cumberland and Merrimac are remarkably uniform in grade and character. They consist of copper sulphides, and sulphurets, cuprite, "peacock copper," virgin silver, bromides, sulphides and chloride of silver. But the ores of the Mountain View show a predominance of lead.

The Gangues of the Veins:

Are also uniform, being a siliceous material, except at a few points where lime spar has been pushed into the veins and at a few other points where porphyry has intruded and taken the place of the regular vein matter. The walls of the veins are all coated with a heqvy talc selvage. There is a large amount of high grade ore in sight in the various workings.

A large amount of rich ore has been shipped from these properties at various times by leasers, but I was unable to get smelter returns from any of the shipments except one in which the owners were themselves interested. This was a shipment of seventeen and one-quarter tons shipped to the Silver City smelter. The shipment netted at the smelter a little over $4,000.00

Taken as a whole, I do not know of so promising a group of copper prospects in Arizona, taking into account the character and value of the ore so far exposed to view. There are large bodies of ore in other prospects, of course, but none so uniformly high grade in both silver and copper. I am firm in the conviction that these properties, while undergoing systematic and intelligent development, would yield enough high grade shipping ore in a short time to more than cover the purchase price and at the same time leave a large surplus of a high grade second class ore on the dumps.

Respectfully submitted,

THOMAS F. WEEDEN, Mining Engineer.

1st light in Globe. – 209947.8
949.6 – Jct Safford.
951.6 – RR Trks.
67.6 – mile 154
67.9 – D. Springs Rd.
69.7 – Jct – Rt.
77.0 – Jct – 74.
78.7 – turnof – left – ~~[illegible]~~ creek.
79.0 – dead end – left Rd.

Cabin 934.8 X 639
35.0 Jct 60
39.1 – Jt. #2
41.1 – Jt. 249 R.T. (4) – to 60
45.0 – Hiway 60 –

Name of Claim	Pinal County Recording Book	Page
Cumberland	42	194
Merrimac	42	191
Richmond	42	187
Richmond Annex	42	183
Monitor	42	199
Tucson	42	189
Mountain Maid	42	188
Admiral Dewey	42	193
Star	42	192
Black Eagle	42	190
Lincoln	42	180
Twentieth Century	~~18~~ 196	~~279~~ 150
Woodrow Wilson	30	11
Silver Canyon No. 1 (~~or Silver Canyon No. 1~~)	? ~~42~~	~~269~~
Amended	184	545
Silver Canyon No. 2	? ~~42~~	~~270~~
Amended	184	544
Silver Canyon No. 3	? ~~42~~	~~271~~
Amended	184	543
Allis Chalmers	184	530
Edsel	184	541
Euclid	184	528
FWD	~~196~~	~~149~~
Amended	196	151
Hough	184	534
Haley No. 16	201	566
Haley No. 17	201	567
Haley No. 18	201	568
Lehigh No. 10	202	174
LeTourneau	184	532
Mercury	196	152
Haley No. 10	202	167
Haley No. 11	202	168
Hayley No. 12	201	125
Hayley No. 13	202	169
Hayley No. 14	201	564
Hayley No. 15	201	565
Scott No. 1	588	944
Scott No. 2	588	945
Scott No. 3	588	946
Scott No. 4	588	947
Scott No. 5	588	948
Scott No. 6 Lehigh No 1	588	949
Scott No. 7 Lehigh No 7	588	950
Ingersoll	630	485
Hobart	430	486
Ford	184	540
Llorain	184	529
Michigan	555	479
Monarch	197	276
Joy	195	403
Springfield	195	404
Symons	195	405
Seamon	195	406
Shawnee	195	407
Pioneer	195	408
Buffalo	195	409
Carco	195	410
Lehigh No. 5	202	170
Haley No. 7	202	166
Wabco	555	480

A. T. Hagen
Thelma W. Hagen

Pat. 04

H? Hough

double yes.

EXHIBIT "A"

04

51

MaxFactor	195	402
Mennen	195	401
Talco	195	400
Austin	199	590
Hensley	199	333
Armco	199	331
Cummings	199	332
Telsmith No. 1	199	334
Telsmith No. 2	199	335
Telsmith No. 3	199	336
Telsmith No. 4	199	591
Telsmith No. 5	199	592
Rocket No. 1	199	593
Rocket No. 2	199	594
Rocket No. 3	199	595
Rocket No. 4	199	596
Rocket No. 5	199	597
Rocket No. 6	199	598
Caterpillar	184	531
Mack	184	533
White	184	535
Reo	184	538
Dart	184	538
Lehigh No. 1 as Scott No 6	201	127 77
Lehigh No. 2 as Scott #7	201	128 78 USE Scott 6-7
Lehigh No. 3	201	129
Lehigh No. 4 ~~And~~	201	130
Lehigh No. 6	202	171
Lehigh No. 7 And	588 ~~202~~	~~172~~ 953
Lehigh No. 8 And,	588 ~~202~~	~~173~~ 954
Lehigh No. 9	201	131
Haley No. 1	201	121
Haley No. 2 Am'd	588 ~~202~~	~~163~~ —951
Haley No. 3	201	122
Haley No. 4 And	588 ~~202~~	~~164~~ 952
Haley No. 5	201	123
Haley No. 6	202	165
Haley No. 8	201	124
Haley No. 9	201	126
~~Haley No. 12~~	~~201~~	~~125~~ Double
Silver Canyon No. 4	188	465
Silver Canyon No. 5	188	466
Silver Canyon No. 6	188	467
Silver Canyon No. 7	188	468
Silver Canyon No. 8	191	596
Murphy	197	282
Buick	197	281
Onan	197	280
International	197	279
Erie	197	278
Champion	197	277
Timkin	197	275
Berger	197	274
Arizona Amended	199	330
Flaherty	197	~~233~~ 283

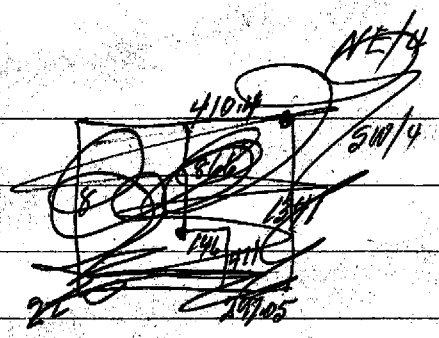
as shown

Hayley

57
54

Mineral County
Mining District

20th Century -
BK 196 - 150 ~~149-151~~
1 mile W of Monitor, 2 mi W
of Walnut Spring



Valley No 1 N.S line of 1 is same as S. side of No. 3
S. side " " " " " N. side of Lehigh No 1. } See #6

Wabco - SW of and bordered Edsel, NE of Major No. 2 & 6.

BK 192 - 213 Argentine Ind. Silver Canyon 4567 Ind
191 - 241-249 Type B claims - State windfarmer, Oregon, Argentine, Hermit
Idaho, Oslo, Hendrea Isle de France
301 - 21 1 mile SE of Government Springs.
362 - 428 Sid - 1 " " "
395 - 376 (468 pg 525-34)

CLAIM MAP
GEOLOGIC MAP.
SURFACE MAP.
(Portion of)
MONITOR MINE
Mohave County, Arizona
Scale: 1" = 1000 ft.

July, 1974 R.E. MERITT

Laura Resources Industries Ltd
1700
1777 Hornby St.
Van B.C.

Meredith & Co.
George Scott

Hartman
Hoffman

Copies Report
Letter of Certificate 1-2

Paul Kynochey
Lice to Store Friday Polaroy.

Bring up Lodat
Joint venture - move forward on other holes

P.X. Development - Steve Rynick
Hagen Prop. - Ray 473-3021
Lotus Lex - Maxie
Right hand side up.

Copper Hills
Chris Armstrong
473-7481 Wed. 8:00 PM
Jim Simpson

Don Read - Pay - come up Cat Lake - 1606 Boyd Centre

Dr Bill Patmore -
Murray Pizzin
$500.000
up.

142

$1.05
11
1.16

MP. 238

Vernon Forney → Fisher 1963-64 1971 →
Alma Valley Ranger Station

1-636-2302 —
Forest →

945-4454 | Dwight Hamilton

Nothing

366-4411

Johnson →
Walters
445-4860

#1